

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 337 AND THE ALLENTOWN MALL ENTRANCE IN PRINCE GEORGE'S COUNTY. MD 337 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

CONTROLLER OPERATION

THE CONTROLLER CURRENTLY OPERATES IN A THREE PHASE, SEMI-ACTUATED MODE. THE EXISTING CONTROLLER OPERATION WILL NOT CHANGE.

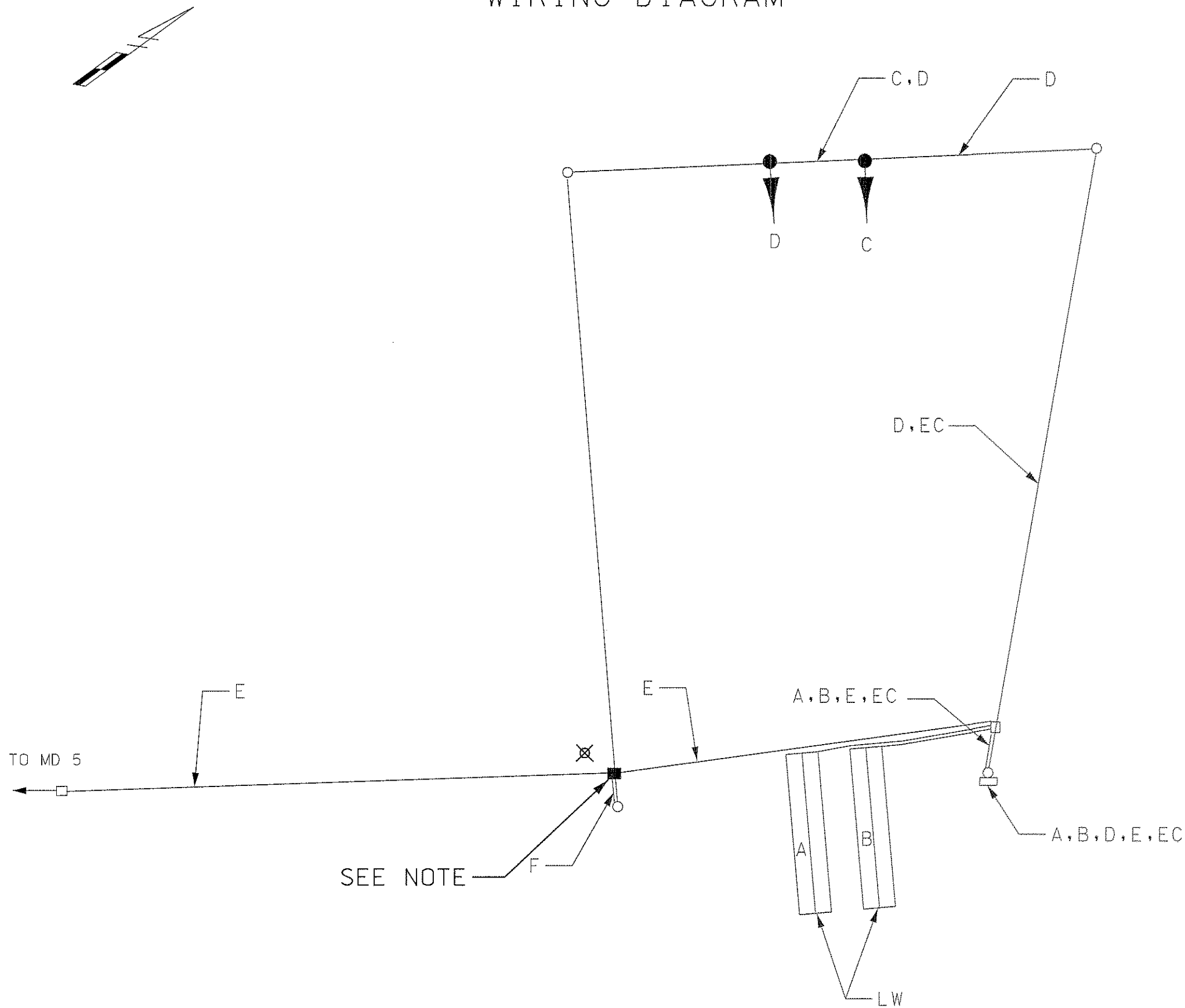
PHASING WILL NOT CHANGE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
5002	100 LF	FURNISH AND INSTALL 5 IN. HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
5004	30 LF	FURNISH AND INSTALL 24 IN. HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
8021	230 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
8022	40 LF	FURNISH AND INSTALL 1 IN. ELECTRICAL CONDUIT GALVANIZED SLEEVE
8027	10 LF	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
8029	75 LF	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
8033	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8034	1 EA	FURNISH AND INSTALL GROUND ROD 3/4 IN. DIAMETER
8040	930 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 IN. FLEXIBLE TUBING (NO. 14 A.W.G.)
8041	45 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHEILDED)
8044	20 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 5-CONDUCTOR (NO. 14 A.W.G.)
8045	240 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7-CONDUCTOR (NO. 14 A.W.G.)
8048	10 LF	FURNISH AND INSTALL STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
8060	1 LS	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
8061	1 EA	FURNISH AND INSTALL CONDUIT BEND IN EXISTING BASE
8084	6 EA	FURNISH AND INSTALL 12 IN., VEHICLE TRAFFIC SIGNAL HEAD SECTION (BLACK FACED)
---	2 EA	RELOCATE EXISTING SIGN
---	110 LF	REMOVE AND RE-INSTALL EXISTING CABLE

WIRING DIAGRAM



WIRING KEY

A-B	2 CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 A.W.G.)	E	EXISTING INTERCONNECT CABLE
C	5 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	F	STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
D	7 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	LW	LOOP WIRE (NO. 14 A.W.G.)
		EC	EXISTING CABLE
		⊗	GROUND ROD

NOTE: REMOVE EXISTING INTERCONNECT WIRE FROM CONTROLLER AND RE-INSTALL INTO NEW HANDHOLE, AND BACK TO CONTROLLER.

EQUIPMENT LIST "A"

A. APPROVED SHA EQUIPMENT TO BE PURCHASED BY THE DEVELOPER AND INSTALLED BY THE CONTRACTOR. ALL EQUIPMENT IN THIS LIST SHALL HAVE CATALOG CUTS SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

CONTACT PERSONS FOR DISTRICT 3 ARE AS FOLLOWS:

MR. MAJID SHAKIB ASSISTANT DISTRICT ENGINEER - TRAFFIC (301) 513-7358	MR. JOE GECKLE ASSISTANT DISTRICT ENGINEER - UTILITIES (301) 513-7350
	MR. RANDY BROWN ASSISTANT DISTRICT ENGINEER - MAINTENANCE (301) 513-7304

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR. CHIEF, TRAFFIC OPERATIONS (410) 787-7630	MR. EUGENE BAILEY TEAM LEADER SIGN OPERATIONS (410) 787-7676
MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS (410) 787-7631	MS. DARLENE EIDE SUPPLY OFFICE IV (SIGNAL SHOP WAREHOUSE) (410) 787-7668
MR. ED RODENHIZER TEAM LEADER SIGNAL OPERATIONS (410) 787-7652	

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

TRAFFIC CONCEPTS, INC.

325 Gambrills Road  
Suite E  
Gambrills, MD 21054  
(410) 923-7101

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
GENERAL INFORMATION SHEET  
MD 337 AND ALLENTOWN MALL ENTRANCE

DRAWN BY: M. HOWELL	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: T. ZAYDEL	S.H.A. NO.	1205J 01	
SCALE: NONE	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO.	
DATE: 4-15-02	LOG MILE: 16033700J2	F-025	